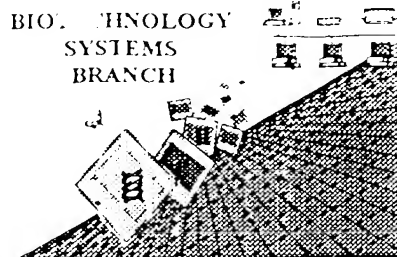


RAW SEQUENCE LISTING **ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10 6002,344
Source: 01PE
Date Processed by STIC: 12/12/01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 111,111

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1. Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping".
 Wrapped Aminos

2. Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.

3. Misaligned Amino The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers, use **space characters**, instead.
 Numbering

4. Non-ASCII The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. Please **ensure your subsequent submission is saved in ASCII text**.

5. Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6. PatentIn 2.0 A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for **Artificial or Unknown sequences**.
 "bug"

7. Skipped Sequences Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence
 (OLD RULES) (2) INFORMATION FOR SEQ ID NO X (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION SEQ ID NO X (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(n) NUMBER OF SEQUENCES" response to include the skipped sequences.

8. Skipped Sequences Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence
 (NEW RULES) <210> sequence id number
 <400> sequence id number
 000

9. ✓ Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
 (NEW RULES) Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present. In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.

10. Invalid <213> Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or
 Response scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence.

11. Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
 Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12. PatentIn 2.0 Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file,
 "bug" resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION NO. US/10/002,344

DATE: 12/12/2001

TIME: 14:28:54

Input Set : A:\Dex-2411.app

Output Set: N:\CRF3\12112001\I002344.raw

3 <110> APPLICANT: Recipon, Herve
 4 Sun, Yongming
 5 Liu, Chenghua
 6 Chen, Sei-Yu
 7 Turner, Leah
 9 <120> TITLE OF INVENTION: Compositions and Methods Relating to Lung Specific
 10 Genes and Proteins
 12 <130> FILE REFERENCE: DEX-0241
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/002,344
 C--> 15 <141> CURRENT FILING DATE: 2001-10-25
 17 <150> PRIOR APPLICATION NUMBER: 60/242,998
 18 <151> PRIOR FILING DATE: 2001-10-25
 20 <160> NUMBER OF SEQ ID NOS: 277
 22 <170> SOFTWARE: PatentIn Ver. 2.1

The type of errors shown exist throughout
 the Sequence Listing. Please check subsequent
 sequences for similar errors

ERRORED SEQUENCES

640 <210> SEQ ID NO: 25
 641 <211> LENGTH: 3795
 642 <212> TYPE: DNA
 643 <213> ORGANISM: Homo sapiens
 645 <400> SEQUENCE: 25
 646 cctttttttt ttttttgata tactgttttc taagagaagt atgtttaaact ctgcaaacct 60
 647 gactgttgat atgctatttc ttgataattc tgtcggtttt qttttatata ttttgaaggt 120
 648 atattttcag tatctagaag catttttatat catcttcata gattgttctt tattttatag 180
 649 tgagacatat atttctgtca tttactgitt ttaagcaaaa acatgttcat gtttcaaatg 240
 650 atgttcacgc tgcacacatt caatttggtg taaccaagag aaaatttttc ctgttttata 300
 651 cttgtatttt ttatctcttc atgtttactt tgaacacagc atatggaag ataatctgac 360
 652 tatctctctg gctttgtaga ttaattttata ttatgactac ttacatattt tattttgat 420
 653 ttctctattc catgtttttt ctttgccttc tttttcttct tttctgtccc tctattgat 480
 654 ggaagtgaag catttaaaat attacctate ttttctcttt cctctactga ttaaggaatt 540
 655 gtaccttcta ttctctatatt tctattacta tactggatac ccttatattt aacataatta 600
 656 tttaaatata tattttttta aaqtctataa catctatctg tatcttttct actcaaaaag 660
 657 aggaatttaq cacacattta catctttaat accatattat tatttctaaag atttaattct 720
 658 agtttttga qcatattagc tttagctcat attttaacac tctttgcttt agtatctcac 780
 659 ttctttctgc atttattttt ctctttactg aagaacatcc tttaatttct ttatcagcaa 840
 660 gattttgtga gttgaaaact tagtttctg tatctgaaga tgtttttatt ttgtctccac 900
 661 tctgtatata aaccactgta tgaacctqga agctcacagt tatttttcta cagcaatttg 960
 662 aagatactag tcaqttttct qgtatctact gttgcacaaq cctactgcca atttgaactac 1020
 663 catctcatta ttcaagaattt ttctttatac ttgtattcag aatttcagat ttctctctta 1080
 664 tcaattaatt cctacqaatt tattatcatt taigtatgtg tggatttata tctctgtgt 1140
 665 tacatatggc agcattttct attttgaaga ctcaagctta ttctgaaaa aattcttagc 1200
 666 tgcagttatt gttatttata ttgccacttt ttatttcatt cttttttctc ctttgaact 1260
 667 cctagcaagt gtatgttaga gcttctcagg tcatctttca tgtccattct tctcttctat 1320
 668 ttctctctaa ctctctctaa actgcattct gaaaqatttt ctcaagttcta ttctctaatt 1380
 669 ctgtaatttt ctcttaagct atagaaagta tgtcgaagtt aactgttctt ttaacttcaat 1440

RAW SEQUENCE LISTING

PATENT APPLIC. NO. US/10/002,344

DATE: 11/14/2001

TIME: 14:16:11

Input Set : A:\Dex-2411.app

Output Set : N:\CRF3\12112001\I002344.raw

```

670 attatattta taatatattt caattcaaga tatctaaag ettttttctc anaqettitct 1500
671 etttttattt catatctgtt tcttcattct cttaaatctt actttctctg taatatattt 1560
672 taaatattta acttattttt aaactctcac caaatcttct tttttttctc aggtataaat 1620
673 tctcttattt qttgqgttct cttaactgtt ttttcattgt cttaqgtttt actgqgttct 1680
674 ttgtatgttt ttgqggtctc aatttttatg ataatcaaaa aatgttaagta cctgtatctt 1740
675 taqgqtaagt ttaagttqcc taaggttaaa tctatataatg tgcacacctt gaaccaagac 1800
676 ttaagtttgt aggtcttgtt ctcttttctt cctaaqtacg ccaattctga atttttagcc 1860
677 caaaaatttt ttggttccaa ctcttatctt gaattgtttt ctgqgcttgc ttgttaactg 1920
678 caattttctt taactttctg taaggaacaa cctgcttatt cctgqgtgtg acactgctgg 1980
679 gataagttag attagcccaq ctcttatttg tattgtctct ttggttctct ggttctatga 2040
680 cagacaggtt catgtcaaaa aaactgtgtc ccaattgtcc atatccatto atagcaccct 2100
681 cctgttctt ggcctatag ttggttttct attaactgtc caaagagact ttctttctt 2160
682 atttttaaga atactatgt atttttaaa acttttaaaa atatttatgc ataatttctc 2220
683 tgtttttgaa ttgagaggaat aagattcagg agtattcact ctgccacctt jacctagaag 2280
684 tcccaagta gctttcactt ttgaaataac agcagttcaa ttttctgtat ctccaccgtc 2340
685 tttaaacatt agcatatata ctcaaaqgtt aaacttgaat aagctgtagt agagacaaat 2400
686 ttctattatt ttgaatttgt ttacattgaa ataatataa gatgtactag gaaatcaaaa 2460
687 atggaaggaa ttgacttta aaaggtttaa aaacttggg acagcagcag actttactgt 2520
688 aatcttatg tacaactctc accactgtct ccaataaatt gaattagact gaqcaaaqaa 2580
689 aaqgttactt tccacagcac caaaaagagc caatgcagcc aacaaatctc tttaataagt 2640
690 accaactctc attctgtcac ctggaagaca acatcaact taatgaagag aatgctggac 2700
691 ttggaattca gaaatgtctt agttcatttt ctaccactaa atcattttac agcttaggct 2760
692 aaqcaagcc ctcttttggg ccccaqgttt tccatctata aatataaga gttgqgttag 2820
693 aacacttct aatgtactt ccaaaaataa ttttctgtga ccttaacagt ttggtacttt 2880
694 atagtaggag ttggttctc attcttcagg ttgtctgaa ataactgtcc aggtaaaaga 2940
695 agaaaataat gtttttctga aatcagtttt caaatcaaat gaaaagattc ccaatgcat 3000
696 atttttgttt gttcaactct ctacaaaqga atagcctagt agctggaatga agttttctgt 3060
697 ttggtgtaca ccaaatetaa gtttttaata gaaaaaqaaa accaacccag accaaaacaa 3120
698 aaactctcca ccaaaqctcc aqacqcaaaa aatqgtatga attttttctt acaaacatgt 3180
699 ctgtttctaa ttgttagaga gacaaaaaaa gaaaaaaatt tctcaactg ccaagatata 3240
700 ttatagata aagaaaaaac taaggaagct gcaqcaaggt taacagatat gaqagatttt 3300
701 actctgcaca ctgcaaaagtc tttaacaatta gaaatttcat ttgaacagaa atgtagggaa 3360
E--> 702 gncaatgaga aaagaaagaa taaaattgga gttccactaa atggaagtta agagtggatt 3420
703 aataattttt aaattgaggc caqgcacagt gtttcacgct tttaatecca ccccatcttc 3480
704 attactataa aacagatagg catttatatt gaatttttac ctttttcatt tcatcttcaa 3540
705 atgcttctc caaatactta tatctctgta ttgatttttt gaaqacctaa aaaaaaaca 3600
706 accattaaat attaggtcaa ccaaaaaaac acagaaagtat gtaataaaaa ctcaatata 3660
707 ttacaccata gatctataat aataaaagtg tatagtttaa caggtctaca ctgtaataa 3720
708 aqaactataa gcatttcaaa gatgctatca ttacctaggg caacaaatat gatcaaaatg 3780
709 tacacgtaaq ataaq
1203 <210> SEQ ID NO. 50
1204 <211> LENGTH 797
1205 <212> TYPE DNA
1206 <213> ORGANISM: Homo sapiens
1208 <400> SEQUENCE: 50
1209 ttgtatagctt ccatgtttct ttatattaca atactaatgt gaqaagcgtt taatttatgt 60
1210 aaactttaca tttttatgca aatgaagctg atattttatta gaqctaaaac aattatactg 120
1211 gaacttaagt gaqtaacctt gttgctctgg gaaatattag aggaagagcag ttgatgttcc 180
1212 actaatacct ctgctgtaaa caaatatgca tttatgccac tttttaqaat ttaaagacaa 240

```

RAW SEQUENCE LISTING

 INPUT: A:\Dex-2411.app
 OUTPUT: N:\CRF3\12112001\I002344.raw

DATE: 12/12/01

TIME: 14:11:14

Input Set : A:\Dex-2411.app

Output Set : N:\CRF3\12112001\I002344.raw

```

1213 aaagaaagagc tcgaaagaa ttactttaa ttacttatta agatttataa ccttataata 380
1214 ctctctqatig gcaagcagagc cttaagcctta caattttttt gtgaaagaaa qatagccttt 360
1215 cttaataaaa tgaataaaa aaatgataa aaatgaaaat gctaatatga ttttaaaagag 420
1216 gtctttttgaa aaaaaatttt taataatgag ttgtattgtt actgagagaa ctgttatgct 480
1217 aatgaactgac taactagatg attttgcatt aatataataa ccattaccta ccttaagcct 540
E--> 1218 ttgtacagta ttgtggcaaa atagctaanc cttaaaggagt tatacaaaaa gcagaattcc 600
1219 ataataaaa acgaattttac ttccacata aatagcctgc cttttttttt ttttttttta 660
1220 agaccgaaat atttataatag aaatgtgttt tcttctctgt atgatagtta cttaagcctt 720
1221 acctgtgttg ttcatittgt ttcttttttt taataaccag agaaagaagg ttctaacctt 780
1222 tctgttgcca taacagct 797
1466 <210> SEQ ID NO: 62
1467 <211> LENGTH: 650
1468 <212> TYPE: DNA
1469 <213> ORGANISM: Homo sapiens
1471 <400> SEQUENCE: 62
1472 accctgggta atagtgagaa cgaaggggttc cagcctctctg gctctctctc cattcaactgc 60
1473 atcctcgcct gaataagacg ctctgtctga ccacagccca tcaacacaga ccaagagggc 120
1474 ccaacagctc aatgaaaaag ccccatactt gaagtacaga aatttggtcc cagtctctgc 180
1475 tctcttgaag atcaactatg tggcctggtg tgggacagaa aaatctaat aaggaacaga 240
1476 ttctattttc tgaagcaaaa aacagtcagc gggctaccaa aagatttttt tcaagcagtc 300
1477 agttcaagaa gatgttaggc atctcttaca actcacacct gtcaaaagaa taccacagaa 360
1478 gatgtcagc gttttcacat ttaggtgctg aacaaacctt tatagctgtc tatatcttga 420
1479 cctattctcc tgaactctct agtggttgac cttaagtcagt tccagcctta ctgacacctg 480
1480 gtctccatag ctgggtatat ctctaaagta tctgttttcc aaggtcagcc ctgtttctctg 540
E--> 1481 taacaataaa ttctttcccc tcagtgagca gaagtaatgg nctcatctgg cctgatccag 600
1482 catttgggaa gaagcccggtg aaagagggca tctaaagaa atgtttaatg 650
2338 <210> SEQ ID NO: 100
2339 <211> LENGTH: 1479
2340 <212> TYPE: DNA
2341 <213> ORGANISM: Homo sapiens
2343 <400> SEQUENCE: 100
2344 gtctttgcta gaattctatg attctaaaqt gctatgaacta caagtgtgga caggtgtaat 60
2345 cacttaact ctacactgcc cgtcgcctgc tgacactgcc ttctatatga tggcatttca 120
2346 acagcaaacat tctctatgag tataagatgc tatgaataag gtagtgtaag tgggtgtct 180
2347 tataaaatat gctctgcttg ccttaagaaa aataatttcc ttaaaaagct tctcatccaa 240
2348 ctctcagtg ttgaagatgc taagcaaaag tgaccacatc tatacacaa agtaatgaca 300
2349 cctgaaagaa ttttttaaca gataaagac agtactccca tggttatgta accaagcaac 360
2350 taqgaaggaq agactttaaa attgacaaca tcccaagat gttatatctt aagttatgaa 420
2351 tgtgttgcag ttgaaagaaa atcaagtttc tcatattact cacatatata tattattaca 480
2352 taacaatgtg ttaaatgtga ctacagtga tcaaaagatt attcagcctt ctgaaagtg 540
2353 cagactttta actttcagat attgcttaat gctgagaaa ccttgggaac cagcccaatt 600
2354 caatttaacc aagctttttc tttttagcca cctgtgatga tggtttctac ataagcttga 660
2355 taaatccaaq aatactttca tggccttagt gaattttgct tttttgaaat tattagaaaa 720
E--> 2356 acgaaatata cattatgaaa cttctatcac tcctaagaa aggggaaaac ctattaanaa 780
2357 tgaagctctt atttactaat gcatcttat ttcaagagca ttggtctaaa ctgggagaaa 840
2358 aaaaacaaaa cttctcttta attaacaaaa gaactagaaa gaagctcata tgaagcacc 900
2359 acctgtgttt cagtaagctt caggtatgct ctgttgacag cagggcattt agagagctcc 960
2360 aagtatagtc atgtatcact gggagagaaa gaattcttga ggacatctag tttaaatct 1020
2361 ttattatttt tcaaggtgta aaaaagatt aaagatcata gaagtcagaa taaatttcta 1080

```

RAW SEQUENCE LISTING

NAME: A111111111111 US/10/002,344

DATE: 12/12/01

TIME: 14:08:04

Input Set: A:\Dex-2411.app

Output Set: N:\CRF3\12112001\I002344.raw

```

2362 aaagtctctc tggctcaaac agctaaqtaa tggcttggc cagactcaca atccctacc 114
2363 aqaatataaa tcaaccaattt ttggtttaaa ggggttatft gtaaatcatt ttccaaaaa 1200
2364 aqaagtacac ttttttgttt acctaccatt tcaaaqaaac ttattcttca agaccatttc 1260
2365 agatttccct aagaatttat gtgttaccca taattgacca ctccaaact' gtaaaqaaaa 1320
2366 aaattttatg gtcattttgt tatttttaga qacaaagtat ttctaatcta qg'ttgcata 1380
2367 caaccttgaq gctgtgaqat catlaqtcaa ttggtttaat tataagacct gtttttttt 1440
2368 aaatctaaaa actaataaac atctataagg ttataaaaa 1479
2511 <210> SEQ ID NO: 105
2512 <211> LENGTH: 852
2513 <212> TYPE: DNA
2514 <213> ORGANISM: Homo sapiens
2515 <400> SEQUENCE: 105
2517 ggaacgagtc tcaagtcagg aactgcagtc atctcctttg ctgggtttca gcatctccct 60
2518 ccttgggaat ctactctat ctgcaggttt ttataacct atgttcacct ttggttgtat 120
2519 ggaatcggtt ctcttactgt ttaattcaac ctccagtgaq aqaagtgaqa ttaactaaaa 180
2520 cacaagttag gctccatgct agccaagaa ctggttttct ttggtctga qatgaqaaa 240
2521 ttctcaqtat cctaacctgt tctctggtca caggatggtt ttctctgga ttgacctcac 300
2522 gagcctccca tcttgaatc ttctaggaac cgggaaggtt gcaagctcta gacccctact 360
2523 ccgaacttgt tgaatctaaa ttgtttaagt ctggagctca ggaacctgga taqaaaagtc 420
2524 acagaaaaga taatctcttc tgaagaaact gctgcagcct caattcattt ctttcttcct 480
2525 ctcccaagcc atgaacttca acctttgtta gatccaaact gcaaggaqat ttcatgtcag 540
E--> 2526 ttcagtcaca cacacantca cccactagca tcgctgtatc caatatcttc tctggatgtc 600
2527 aggaagctc ttgctgtgct ctcaaggacc tcaaggtcta gttgaagaaa tgaagtgtgc 660
2528 tcatattaaa agaaaaagta caatgcaaa caaagaaqgc caagtcaaaa ttgtcaagt 720
2529 aaacttgatt ttaaggaagg ggaagagcct tggccttggc caggatccca aggaaggaac 780
E--> 2530 tgaagacatg gaattggagg cagtgcagaa ggtggtcttt ncagagggag cagtgttgac 840
2531 aaqccccctg ta 852
4350 <210> SEQ ID NO: 184
4351 <211> LENGTH: 47
4352 <212> TYPE: PR1
4353 <213> ORGANISM: Homo sapiens
4355 <400> SEQUENCE: 184
E--> 4356 Met Cys Asn Trp Arg Phe Ser Xaa Arg Gly Glu Arg Lys Trp Asp Ile
4357 1 5 10 15
4359 Lys Asn Asn Trp Lys Lys Ile Ala Glu Ile Val Leu Lys Leu Thr Asn
4360 20 25 30
4362 His Thr Lys Pro Gln Asn Pro Glu Ala Leu Gly His Gln Ala Gly
4363 35 40 45
5864 <210> SEQ ID NO: 244
5865 <211> LENGTH: 85
5866 <212> TYPE: PR1
5867 <213> ORGANISM: Homo sapiens
5869 <400> SEQUENCE: 244
5870 Met Ser Gly Glu Leu Cys Ala Gly Ala Gln Gly Pro Gln Gly Leu Val
5871 1 5 10 15
5873 Glu Gly Met Lys Cys Ala His Ile Lys Arg Lys Val Ala Met Gln Ser
5874 20 25 30
5876 Lys Glu Gly Gln Val Gln Met Cys Ser Val Asn Leu Ile Leu Arg Glu
5877 35 40 45

```

RAW SEQUENCE LISTING

PATENT APPLICATION NO: US/10/002,344

DATE: 12/12/01

TIME: 14:24:11

Seq. Set: A:\Dex-2411.app

Seq. Set: N:\CRF3\12112001\I002344.raw

```

5882 Met Glu Leu Glu Ala Val Arg Lys Val Val Phe Xaa Glu Gly Ala Val
5883 1 65 70 75 80
5885 Leu Thr Ala Pro Leu
5886 85
5915 * 210 * SEQ ID NO: 246
5916 * 211 * LENGTH: 60
5917 * 212 * TYPE: PR1
5918 * 213 * ORGANISM: Homo sapiens
5920 * 400 * SEQUENCE: 246
5921 Met Val Pro Gly Gly Gln Arg Ala Gly Gly Leu Cys Leu Lys Arg Ser
5922 1 5 10 15
E--> 5924 Leu Gln Ile Val Phe Glu Lys Ile Thr Gln Asn Gln Pro Trp Xaa Tyr
5925 20 25 30
5927 Leu Arg Gln Glu Gly Lys Thr Phe Lys Arg Leu Cys Glu Phe Val Ser
5928 35 40 45
5930 Val His Leu Phe Phe Val Glu Tyr Ile Leu Leu Ile
5931 50 55 60
6198 * 210 * SEQ ID NO: 261
6199 * 211 * LENGTH: 32
6200 * 212 * TYPE: PR1
6201 * 213 * ORGANISM: Homo sapiens
6203 * 400 * SEQUENCE: 261
6204 Met Phe Thr Phe Leu Tyr Leu Val Ile Thr Gln Thr Asn Cys Leu Val
6205 1 5 10 15
E--> 6207 Thr Phe Glu Ile Asn Glu Ser Xaa Leu Ser Gln Cys Val Ile Asp Asn
6208 20 25 30

```

VERIFICATION SUMMARY

PATENT APPLICATION NO: US/10/002,344

DATE: 12/12/2001

TIME: 11:41:00

Input File: A:\Dex-2411.app

Output File: N:\CRF3\12112001\I002344.raw

L:14 M:277 E: Current Application Number differs. Replaced Application Number
 L:15 M:271 E: Current Filing Date differs. Replaced Current Filing Date
 L:37 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:1
 L:38 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:1
 L:47 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:1
 L:65 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:2
 L:66 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:2
 L:472 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:17
 L:507 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:18
 L:608 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:23
 L:609 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:23
 L:702 M:340 E: (46) "n" or "Xaa" used: Feature required. for SEQ ID#:25
 L:1043 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:42
 L:1044 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:42
 L:1049 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:42
 L:1081 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:44
 L:1143 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:47
 L:1144 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:47
 L:1145 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:47
 L:1168 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:48
 L:1169 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:48
 L:1218 M:340 E: (46) "n" or "Xaa" used: Feature required. for SEQ ID#:50
 L:1277 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:53
 L:1278 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:53
 L:1279 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:53
 L:1291 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:53
 L:1292 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:53
 L:1322 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:55
 L:1323 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:55
 L:1324 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:55
 L:1325 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:55
 L:1326 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:55
 L:1481 M:340 E: (46) "n" or "Xaa" used: Feature required. for SEQ ID#:62
 L:1757 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:79
 L:1758 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:79
 L:1759 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:79
 L:1760 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:79
 L:1821 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:80
 L:1822 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:80
 L:1823 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:80
 L:1824 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:80
 L:1840 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:83
 L:1841 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:83
 L:1842 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:83
 L:1863 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:84
 L:1879 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:85
 L:1880 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:85
 L:2123 M:341 W: (46) "n" or "Xaa" used. for SEQ ID#:90

VERIFICATION SUMMARY

PATENT APPLICATION: US/10,002,344

DATE: 12/12/2001

TIME: 14:28:17

Input Set: A:\Dex-2411.app

Input Set: N:\CRF3\12112001\I002344.raw

L:2241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:196
 L:2242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:196
 L:2244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:196
 L:2356 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:199
 L:2406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:192
 L:2407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:192
 L:2484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:193
 L:2485 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:193
 L:2526 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#: 195
 M:340 Repeated in SeqNo 195
 L:3789 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 189
 L:3821 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 190
 L:3917 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 195
 L:3920 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 195
 L:3923 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 195
 L:4356 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#: 184
 L:4449 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 189
 L:4455 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 189
 L:4516 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 192
 L:5123 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 219
 L:5126 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 219
 L:5129 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 219
 L:5132 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 219
 L:5152 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 220
 L:5376 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 224
 L:5613 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 236
 L:5622 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 236
 L:5625 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 236
 L:5829 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 242
 L:5832 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 242
 L:5882 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#: 244
 L:5902 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 245
 L:5905 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 245
 L:5924 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#: 246
 L:6007 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 250
 L:6010 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 250
 L:6207 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#: 261
 L:6290 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 264
 L:6293 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 264
 L:6296 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 264
 L:6299 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 264
 L:6408 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#: 270